

## REMARKS

### Drawing

Per the request of the Examiner, Fig. 1 is labeled herein.

### Abstract

Per the request of the Examiner, the abstract is amended herein.

### Specification

Applicants respectfully decline to add the optional traditional section headings.

### Art rejections

The art rejections are respectfully traversed.

Claim 1 recites that parameters of both the controller and the feedforward filter are affected during operation of the apparatus.

The Examiner purports to find these limitations in Hsin. Applicants respectfully submit that the Examiner is misinterpreting Hsin. As far as Applicants can tell, the parts of the reference pointed to by the Examiner indicate that the controller responds to error signals, but fail to teach or suggest that the parameters of the controller are affected. As far as Applicants can tell, Hsin only is dealing with rotational vibration, rather than a broad array of external disturbances. Accordingly, there is no motivation for the additional flexibility provided by allowing the controller to receive additional control parameters.

*Handwritten notes:*  
No. 1  
inv. is needed  
(201/102)

New dependent claim 5 distinguishes even more clearly over the reference by reciting both an error signal input and an input for adapted control parameters.

## REMARKS

New independent method claim 4 is analogous to claim 1 with respect to the distinctions discussed above, but adds additional limitations explaining the operation of the claimed device, particularly with respect to using both the error signal input and the control parameter input. Accordingly, claim 4 distinguishes even more clearly over the reference than claim 1.

The Examiner's other rejections and/or points of argument not addressed would appear to be moot in view of the foregoing. Nevertheless, Applicants reserve the right to respond to those rejections and arguments at a later date.

Enclosed please find copies of documents whose pertinence is set forth in the specification along with PTO/SB/08A and B forms.

*Please charge any fees other than the issue fee to deposit account 14-1270. Please credit any overpayments to the same account.*

## REMARKS

Applicants respectfully submit that they have answered each issue raised by the Examiner and that the application is accordingly in condition for allowance. Allowance is therefore respectfully requested.

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited this date with the United States Postal Service as first class mail in an envelope addressed to

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

On 10/16/03 (date)  
By A. E. Barschall (signature)

Respectfully submitted,

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